

FactFinder Environmental Update

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Fact Sheet #20

January, 2003

Proposed Plan for Potential Source of Contamination 51

About This Document

This document summarizes the Navy's proposal for site cleanup and requests public comment on the proposed alternatives. The Navy in cooperation with the United States Environmental Protection Agency (USEPA), and the Florida Department of Environmental Protection (FDEP) developed this plan. The Navy will implement the remedy for PSC 51 after considering and addressing comments from the public.

This fact finder highlights key information from the Remedial Investigation (RI) and Feasibility Study (FS) report and the Proposed Plan for PSC 51. The RI/FS report, Proposed Plan, and other public documents for PSC 51 are maintained at the information repository at the Webb Wesconnet Branch of the Jacksonville Public Library located at 6887 103rd Street, Jacksonville, Florida 32210, (904) 778-7305. In addition, the proposed plan can be viewed at www.nasjax.navy.mil during the public comment period.

Facility and Site Description

Naval Air Station (NAS) Jacksonville occupies approximately 3,900 acres on the west bank of the St. Johns River in Duval County, Florida. The station is 13 miles south of downtown Jacksonville, and was commissioned on October 15, 1940. PSC 51 is located slightly north of the southern fenceline of NAS Jacksonville occupying part of the South Antenna Field, and includes two areas: the Former Fire Fighting Training Area (FFTA) and the former Oil Disposal Area (ODA). The FFTA is approximately 60 feet in diameter and was formerly used by the station Fire Department as a fire fighting training area. The ODA is approximately 50 feet in diameter and was used to drain aircraft of hydraulic fluids, fuels, and oils.

The soil at PSC 51 is contaminated with metals, including aluminum, antimony, arsenic, barium, chromium, copper, iron, lead, mercury, nickel, and vanadium. Petroleum and chlorinated solvent compounds contaminate the groundwater. The groundwater contamination is migrating slowly to the southeast toward the unnamed creek.

Why is Cleanup Needed?

Navy studies of PSC 51 have resulted in the following conclusions:

- As a result of past waste disposal practices, multiple chemicals that could potentially be harmful to human health and the environment were identified at PSC 51.
- Following the 1999 soil removal action, several contaminants still remained in the surface soil and the groundwater.
- The preferred cleanup alternative in the Proposed Plan will protect public health and the environment.

Cleanup Alternatives Evaluated for PSC 51

The following cleanup alternatives were considered for cleanup of contaminated soil and groundwater at PSC 51. Information on the alternatives and the Navy's evaluation can be found in the RI/FS and Proposed Plan.

Soil Cleanup Alternatives

- S1: No Action.
- S2: Limited Action, including Institutional Controls (ICs).
- S3: Excavation and Off-Base Disposal.

Groundwater Cleanup Alternatives

- G1: No Action.
- G2: Natural Attenuation, Monitoring, and ICs.
- G3: In Situ (In Place) Enhanced Bioremediation with Oxygen Release Compounds® (ORC®), Monitoring, and ICs.
- G4: In Situ Chemical Oxidation, Monitoring, and ICs.
- G5: Extraction, On-Site Treatment (pump and treat), Treated Groundwater Discharge, Monitoring, and ICs.
- G6: Air Sparging, Monitoring, and ICs.

Preferred Cleanup Alternatives

Soil Cleanup Alternative S2 and Groundwater Cleanup Alternative G2 are the Navy's preferred cleanup options for PSC 51. These options are in compliance with the regulatory requirements and were approved by the FDEP and USEPA. Formal approval will come from both agencies after the comment period ends on February 6, 2003.

What Do You Think?

The Navy requests public comment on this Proposed Plan from January 7, 2003, to February 6, 2003. The Navy wants to consider your comments before implementing the cleanup plan.

Mail written comments postmarked no later than February 6, 2003, to:

Mr. Bill Dougherty
Public Affairs Office, Box 2
Naval Air Station Jacksonville
Jacksonville, Florida 32212-5000
Phone: (904) 542-4032, Fax: (904) 542-2413

E-mail comments by February 6, 2003, to: doughertyb@cnrse.navy.mil

Next Steps:

The Navy will consider and address all significant public comments received during the comment period. The responses to significant comments will be included in the Responsiveness Summary, which is included in the Record of Decision (also will be available at the information repository).

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